The DX Bulletin

• *America's Oldest Weekly Amateur Radio Publication* •

Issue 346 July 25, 1986

DXpedition News

RTTY in Thailand and Nepal Toshi JA8RUZ will take RTTY gear on the Japan UNICEF Radio Club's DXpedition to HSØC and 9N1MM July 25-Aug. 3. Listen 14Ø77, and QSL to JA8ATG. Bangladesh S2 "maybe."

Fernando de Noronha - PYØF Ron, PY1BVY is presently active as PYØFE (SA-Ø3) until July 29. He has been workable on the West Coast on 14Ø25, although no tower of strength. QSL Box 15Ø2, 24ØØØ Noiteroi, Brazil.

Tahiti - FOØ Ross Forbes WB6GFJ continues the recent string of FOØ activity. Ross hangs around 14180, especially Ø2-Ø3ØØZ, and he will work 4Ø and 8Ø. On August 12, Ross moves on to **South Cooks - ZK1** as ZK1XE for four days. QSL home call.

If you miss Ross, Jacky F6GXB will sign FOØCW from July 28 to August 16. Jacky is presently working in Japan, so hang onto the QSLs until he decides where to send them.

Greece - SV Amir 4X6TT signed N4MJH/SV8 from the home of his boss SV8CS recently. Amir's Mediterranean DXpedition continues through August 1Ø, and includes SV9, SV5, 5B4, 9H, and IT9. Listen 14200-225. QSL Box 2ØØ2, Tel-Aviv, Israel. (Tnx Inside DX.)

CW DXers can catch PA3BAI who will operate as SV8KS and SV8BE from Corfu Island (EU-52) [just a few miles from ZA!] Listen 14ØØ2. Mario may also be on 4Ø and 8Ø. QSL home call. (Tnx DXNL.)

Marshall Islands - KX6 Isao JH1RNZ will sign KX6ND from Majuro Island (OC-29) Aug. 2Ø-26. He'll be on all bands both phone and CW. QSL via JA1ELY. Sunrise 2ØØØ, sunset Ø75ØZ.

Mariana Islands - KHØ August 12-16 marks the Saipan DXpedition of JE1KJL (who will sign NH6J/NHØ) and JE1JLR (who will sign /KHØ). They promise all-band operation from 16Ø through 6 meters, including 3Ø meters, and all mode: CW, SSB, and RTTY. QSL to JE1JKL. Sunrise 2ØØØ, sunset Ø84ØZ.

European Capitals

Four groups of Spanish hams will operate from 12 capital cities in Europe over the first two weeks in August, to celebrate the entry of Spain into the EEC. Special QSLs and awards are available for working these stations, which will sign AMØEEE (Espana En Europa - Spain in Europe). Schedule:

August 4 -Madrid	August 1Ø -Bonn
August 5 -Paris	August 11 -London
August 6 -Lisbon	August 12 -The Hague
August 7 -Brussels	August 13 -Athens
August 8 -Luxembourg	August 14 -Dublin
August 9 -Rome	August 15 -Copenhagen

QSL to EEE, Box 2Ø71 cp, 5ØØ8Ø Zaragoza, Spain. (Tnx DXpress.)

Islands On The Air

- FD1LCR is a resident on Noimoutier EU-64
- F6FED is a resident on Oleron EU-32
- N4MJH/SV8 operated from Zante Island EU-52
- TKØKP/SAN was Lou TK5BL at EU-1Ø4. QSL via F6EYS. Lou moved on to Cavallo Island July 16, where he stays to mid-Sept.
- Favignana Island EU-54 by IT9AF and others until July 3Ø
- EJ5EP was Saltee Island EU-1Ø3
- FO8JR on Tubuai Island OC-5Ø should be active Ø2-Ø8ØØZ until Aug. 12
- and see DXpedition News for more!

Shortly Noted

- Jim Smith VK9NS says the Australian government will begin monthly trips to **Heard Island VKØ** in January. Jim hopes to join one of the first such trips.
- The **Falklands - VP8** ARC has set up VP8FIR club station and QSL bureau, at Box 26Ø, Mount Pleasant Airport, Falklands.
- Yoshi JA1UT has provided a "temporary operating form" for amateurs wishing to operate from **China - BY** stations. SASE to TDXB for a copy. Yoshi says active stations include BY1s PK, QH, and SK, BY4s AA, AOM, RN, SZ, and RB, BY5s RA, RF, QH and HZ, BY8s AA and AC, and BYØAA. [No mention of the new BY6LC station, now on 4Ø meters.]

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PROPAGATION

Forecast and Historical Data

Day July	Forecast	27 Days Before Date	Flux	A	K	54 Days Before Date	Flux	A	K
25	Below Nor	6/28	66	15/36	Ø	6/1	69	15/24	2
26	Low Nor	6/29	66	Ø7/14	2	6/2	68	Ø8/13	2
27	High Nor	6/3Ø	66	Ø7/16	2	6/3	68	1Ø/16	2
28	Low Nor	7/1	67	Ø8/14	1	6/4	67	Ø7/14	3
29	Low/Dist	7/2	66	12/22	2	6/5	67	Ø7/Ø9	1
3Ø	Low Nor	7/3	67	1Ø/13	2	6/6	67	Ø6/12	3
31	Low Nor	7/4	67	Ø8/13	2	6/7	68	1Ø/18	3
August									
1	High Nor	7/5	69	Ø6/11	2	6/8	68	11/15	2
2	High Nor	7/6	72	Ø4/Ø9	1	6/9	69	Ø5/11	1
3	High Nor	7/7	7Ø	Ø3/Ø8	1	6/1Ø	68	14/24	2
4	High Nor	7/8	69	Ø5/11	2	6/11	69	Ø9/11	2

Thanks N4XX and KH6BZF

Bandpass Highlights

Recent reports have been dominated by three active DXpeditions: OHØMD/OJØ, K1RH/FP, and a crowd at The Last Resort in Montserrat. Other popular contacts are:

- **4S7NMR** and other 4S7s 14200+ 1445-1530Z
- **7J1ACH** 14200+ and 14027 1200-1230Z
- **9H3DX** 14195 2200-0200Z
- **K4YT/DU1** 14200 1200-1300Z
- **OX3UD** 14040 often 1100, 1400, 0100Z
- **VQ9GB** 14200, 14026 1330-1500Z West Coast

BANDPASS

Reports Wanted, Especially RTTY, 30 meters

RTTY				
4S7NMR	14083	1608	15	CA
4Z4AB	14084	0100	15	CA
6Y5MC	14187	0008	10	ND
CE0ZIJ	14093	0300	7	TG
GW0ANA	14093	2200	9	RI
GW3CDP	14089	2332	13	CA
HC2LZ	14092	0541	8	RI
HC5KA	14096	2231	13	CA
HL1IE	14084	1326	9	TG
HP2SM	14092	0020	10	ND
OA4CN	14084	0147	14	CA
OE2KO	14097	1404	5	RI
OH2BDN	14097	1349	5	RI
OH3SR	14084	0214	8	TG
OZ4SU	14093	2210	9	RI
OZ5PK	14097	1228	5	RI
PJ8UQ	14080	1220	10	ND
SP3XR	14095	1635	11	ND
TF3IB	14097	1214	5	RI
TG9VT	14085	0010	16	ND
YO7BI	14098	2120	10	ND
160 MTRS				
4J4F	1833	0035	13	MA
4X4NJ	1832	0220	15	MA
CU1CB	1850	0540	6	RI
FP/K1RH	1836	0055	13	MA
HB9LG	1832	0340	12	MA
HK1AMW	1833	0045	13	MA
OJ0/ OHOMD	1832	0050	12	MA
PY1RO	1833	0330	12	MA
RT4UA	1834	0100	9	MA
UA2FF	1831	0105	9	MA
UB3IWA	1835	0140	13	MA
VE2EDK	1830	0240	15	MA
	Zone 2			
80 MTRS				
9H1EL	3796	0032	9	NH
FP/K1RH	3511	0200	13	MA
OH0AM	3502	0210	13	MA
VK0SJ	3797	1327	14	CA
VK2BAT	3508	1250	2	MT
WP4D	3502	0258	9	FL
40 MTRS				
8R1RPN	7098	0038	13	NH
9V1TL	7005	1309	12	CA
BV2B	7003	1414	15	CA
BY6LC	7006	1150	17	OR
C30BAN	7005	0349	13	PA
C30C	7004	0005	7	FL
CM2HR	7003	0025	7	FL

CALENDAR

Issue 346 July 25, 1986

(Changes in **boldface** for easy spotting)

American Samoa	G4AAL/KH8 soon
Chagos - VQ9	VQ9GB 14-16ØØZ on 2Ø
China - BY	BY6LC 7Ø1Ø 13ØØ-133ØZ
Convention	Seattle July 25-27
Corsica - TK	HB9TL/TK July 9-Aug. 7
Faroes - OY	LA4LN July 25-28 I343
Fernando - PYØF	PYØFE to July 29 I346 **Try 14Ø25 12-14ØØZ**
Galapagos - HC8	HC1MD/HC8 Aug. 11-16 I345 HC8TTY Sept. 1-7 I345
Greenland - OX	**OX3UD 14Ø4Ø often**
Iraq - YI	**YI1BDG 14183 2ØØØZ**
Lebanon - OD	Many stations 21-23ØØZ
Macquarie -VKØ	VKØSJ in Brown Sugar Net
Malta - 9H	9H3DX by DF2UU Jul. 11-31 **Try 14195 22-Ø2ØØZ**
Mariana - KHØ	**JAs /KHØ Aug 12-16 I346**
Marshall Is-KX6	**KX6ND Aug.2Ø-26 I346**
Minami Tori. JD	**7J1ACH 14Ø3Ø, 2ØØ 12ØØZ**
Monoco - 3A	DF8AN/3A July 14-31 I342 PA3DZN/3A Jul 14-28 I344
Montserrat-VP2M	VP2MH until Sept. 15
Nepal - 9N	9N1MM 14208 Ø1ØØ by JAs Aug. 2-5 I345
Ogasawara - JD1	JD1BDK 7ØØ5 12-133ØZ
Pakistan - AP	AP2SQ 14195 Ø2ØØZ
Qatar - A71	A71BK 14178, 14225 23-Ø1Z A71AU 14204 ØØ3ØZ
St. Kitts - V4	KG9N/V4 'til July 29 I345
Shetlands - GM	**GM4ZHL July 24-31 I346**
South Cooks-ZK1	**ZK1XE Aug 12-16 by FOØFB**
Svalbard - JW	JWØA 2Øcw 14ØØ + 2Ø3ØZ
Syria - YK	OE5JTL/YK 14164 Ø4ØØZ
Tahiti - FO	FOØFB July 7-Aug 11 I339 **Try 1418Ø Ø2-Ø3ØØ FOØCW July 28-Aug 16 I346**
Thailand - HS	HSØC July 25-28 I342 also HSØA in SEANET Cont
Vienna - 4U1VIC	14Ø25-3Ø 113Ø-12ØØZ
Wake Is. - KH9	NH6FU/KH9 143Ø9 Ø33ØZ
Zone 2	VO2DX Sept. 12-18 I345

Contests

Armadillo Run/County Hunters CW July 26-27
Venezuelan CW July 26-27
European CW Aug. 9-1Ø
SEANET SSB Aug. 16-17
All Asian CW Aug. 23-24
European SSB Sept. 13-14

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F5IN	7006	0346	16	CA
FM5WU	7002	0001	8	FL
FO8HO	7023	1039	9	AL
FP/K1RH	7005	0116	14	FL
FP/W1CCN	7015	0514	13	AL
FP/W1CCN	7008	0500	16	CA
FY4EE	7009	0232	9	FL
HI8DDC	7008	0017	7	FL
HL5BPL	7006	1331	10	CA
LZ92S	7004	0221	10	GA
LZ92S	7005	0000	14	FL
OH0AM	7006	0137	13	AL
OY/DK2OY	7008	0018	7	FL
SV1BZ	7007	0218	12	PA
SV1RP/7	7002	2100	8	MA
TF3SV	7005	2230	9	MA
TI4BGA	7003	2356	9	FL
TK0KP/SA	7044	0336	13	NH
UP1BZG	7019	0000	8	FL
UP9A	7004	2325	13	MA
XE3AAF	7005	0126	11	GA
XE3GNP	7021	0218	11	GA
YC4FRX	7004	1312	10	CA
ZF2BN	7005	0126	11	GA
ZF2BN	7005	0234	12	PA
ZF2BN	7010	1035	9	AL
ZF2CD	7003	1021	9	AL
ZF2CD	7016	0022	7	FL

30 MTRS

CU2AR	10103	1012	3	NH
FO0ASJ	10102	0324	4	NH
FP/W1CCN	10105	2035	12	MA
G3IGW	10101	2254	10	IL
GD3TNS	10103	1919	6	NH
GI3FJX	10101	2140	5	NH
GJ3IT	10101	2125	12	MA
OA4IU	10101	0058	4	NH
OY7ML	10103	2235	14	MA
VK4NJ	10101	1124	11	AL
VK6UA	10105	1204	4	NH
VO1BD	10103	0050	4	NH
VP2VA	10102	1121	11	AL
YU1FD	10101	2012	7	NH

20 MTRS

3C1MB	14236	2224	7	NH
4D9RG	14180	1226	12	IL
4J4F	14023	1847	12	PA
4S7NMR	14214	1455	15	CA
4S7RO	14014	1440	15	CA
4S7VK	14198	1443	13	CA
4U1ITU	14183	2005	15	WI
4U1ITU	14020	2236	12	FL
4U1UN	14196	2136	11	NH
4U1VIC	14030	1140	10	GA
5B4FN	14008	1924	14	CA
5H3ZO	14025	1145	15	MA
5W1DZ	14220	0410	10	OR
5X5GK	14177	1830	8	NH
5X5GK	14183	1926	7	NH
5Z4TA	14222	1948	9	NH
7J3AAB	14034	1145	11	MA
	Port Island			
7X2LS	14160	2257	10	IL
7X2VMK	14235	2332	7	NH
9H1ED	14021	2209	10	FL
9M2HB	14226	1458	14	WI
9M8EN	14210	1251	11	NH
9V1VD	14015	1009	18	CA
AH8A	14309	0311	6	RI
BV2DA	14005	1234	8	AL
BY1SK	14010	1125	9	MA
BY4RB	14033	1258	14	WI
BY4RB	14027	1200	8	MI
C21RK	14309	0358	8	VT
C30BBX	14204	2027	7	NH
C30CAX	14026	1900	14	CA
C31LBB	14005	1851	16	CA
C6A/ KG6GJ	14025	0228	16	CA
CE0ERY	14219	0034	13	NH
CP6IB	14010	2201	8	FL
CT1FL	14176	0237	16	CA
CU2QN	14006	2131	7	FL
CY0CX	14009	0158	8	MI
DU1DBT	14230	1144	8	NH
DU7RLC	14221	1144	8	NH
DX9HT	14241	1314	12	AL
EA6/G6ZY	14025	1911	16	CA
EA8UH	14024	0014	12	FL
EA9KD	14037	2345	7	FL
EA9SO	14025	1046	7	GA
EJ5EP	14195	2347	16	CA
EJ5EP	14025	1548	16	CA
EL2AC	14229	2210	10	PA
EL2CN	14028	1548	13	MA
FF6KED	14011	1753	13	MA
	Pomeques Is.			
FK0AT	14039	0130	11	OR
FK8DY	14010	0420	1	MT
FO0FB	14187	0429	16	CA
FO0MWA	14048	2141	12	AL
FO0MWA	14212	0354	13	AL
FO8BI	14003	0623	15	MT
FR4AN	14201	0328	15	MT
FR5DX	14220	0413	15	MT
FY5YE	14050	1203	11	AL
GD0AVF	14033	1217	14	GA
GJ3EML	14012	2130	7	FL
HB0/ HB9BZA	14026	1826	13	GA
HB0CZS	14001	2152	10	FL
HG9R	14036	2011	5	MI
HH2DF	14235	0000	9	PA
HH2WL	14231	1130	13	PA
HI6ORCD	14057	2252	12	FL
HK0BKX	14023	2113	8	FL
HK0BKX	14020	1300	15	MT
HL0FB	14208	1149	9	NH
HL1CO	14015	1008	18	CA
HL1EJ	14020	1250	16	WI
HL9CW	14232	1242	11	WI
HL9CW	14027	1257	12	IL
HL9OB	14175	1351	7	NH
HP1AC	14010	0006	10	FL
J6LCV	14155	0100	10	OR
J87CD	14226	2000	9	PA
JT1BQ	14191	1514	16	CA
JW0A	14014	0218	11	OH
JW6WDA	14160	2248	11	IL
JY5CI	14270	2231	15	CA
KC6HA	14309	0410	10	IL
KC6IN	14225	0612	8	RI
KG4XO	14032	2158	7	FL
KG4XO	14027	0044	16	CA
KG4XO	14030	0131	18	CA
KH9/ NH6FU	14309	0316	10	RI
KH9/ NH6FU	14237	0547	13	AL
LX1JP	14035	2345	12	AL
LZ2KZA	14235	2340	10	PA
OD5SM	14158	0332	16	CA
OH0AM	14036	2347	12	AL
OH0NAW	14192	2050	11	NH
OH0NAW	14201	0345	12	MA
OX3XR	14032	1847	16	CA
OY/OZ3QN	14029	1725	15	WI
OY/OZ3QN	14028	2152	7	FL
OY7ML	14024	1215	14	GA
PJ2A	14007	1242	12	FL
PZ1DT	14032	1153	7	GA
PZ1DV	14014	0018	11	FL
R9AL	14017	1158	11	GA
R9AL	14037	1256	8	AL
RL8PYL	14182	0233	12	IL
SV0DH/5	14250	2255	10	VT
SV0DK	14191	2154	8	NH
SV1DO	14030	2320	10	MT
SV8/ N4MJH	14224	2247	13	CT
T77C	14029	2219	7	FL
T77C	14220	2343	7	NH
TA1A	14021	2128	7	FL
TA1D	14016	2156	10	FL
TA1E	14183	1922	10	NH
TA2A	14015	0257	15	MT
TF/ WA2OMU	14040	2258	12	FL
TF3IRA	14030	2202	10	FL
TG9YD	14003	1341	15	MT
TG9YV	14001	0247	15	CA
TI2CCC	14014	2319	5	MI
TK0KP/SA	14191	2328	13	WI
TK5UC	14215	2204	7	NH
TL8BA	14198	1843	11	NH
TU2CV	14057	1149	8	AL
TU2CV	14057	2030	8	MI
U8P/ UM9MWA	14021	0050	11	FL
	Oblast 177			
UA0BEO	14017	0207	7	MI
UA0FB	14203	1217	9	NH
UA2FCB	14016	1150	11	GA
UA2FFA	14024	2151	9	FL
UA2FZ	14024	1126	12	AL
UA3NBU	14040	0155	15	OR
	Oblast 132			
UA9FZ	14193	0309	16	CA
UA9WO	14208	0119	16	CA
UA9YAD	14031	1340	15	MT
UA9ZAA	14015	1525	17	OR
	Oblast 100			
UB0YW	14028	2212	11	FL
UB1RR	14035	2226	11	FL
UC1AWL	14036	2008	11	CA
UD7DWZ	14041	2353	12	AL
UF6CX	14026	2125	7	FL
UG7GWL	14162	1943	12	AL
UH8BZ	14020	0200	11	OR
UH8BZ	14022	0209	12	IL
UI/ UC2LCW	14018	1350	17	OR
	Oblast 048			
UI8LB	14003	1856	16	CA
UI8OAB	14006	0046	11	OR
UI8ODB	14007	0027	11	FL
UI8OK	14020	0135	17	OR
UI9BWE	14213	1334	13	NH
UJ8XD	14203	0247	12	NH
UJ8XD	14203	0248	12	IL
UL7EAR	14012	0150	12	MA
UL7EDR	14024	0113	14	FL
UL7NR	14005	0124	14	NH
UL7NR	14014	0106	14	FL
UL7TCU	14009	1500	14	OR
UL7TCU	14022	0033	11	FL
UL8BWW	14007	0219	7	FL
UL8GWB	14022	0144	8	MI
UM8MBA	14017	0217	12	IL
UM8MIZ	14045	0141	11	GA
UM8MK	14025	0205	14	IL
UO5OAL	14019	2157	10	FL
UO5OJI	14023	0518	16	CA
UO5WU	14039	2222	8	FL
UP9A	14022	2103	15	CA
UP9A	14175	1712	12	NH
UP9A	14023	1425	13	CA
UP9A	14038	1755	12	FL
UR2RDB	14023	2355	7	FL
UV1OO	14025	1003	11	VT
UV1OO	14216	0103	14	NH
UZ0QWE	14009	0150	7	MI
UZ2FWA	14015	1239	12	FL
UZ2FXE	14014	1131	8	AL
UZ9AYA	14202	0117	13	CA
V85HG	14165	1145	1	MI
VE2DWE	14013	1520	15	CA
	Zone 2			
VE7EXPO	14029	1820	16	CA
VE8DX	14227	1537	7	NH
VE8GD	14031	0130	7	MI
	Cornwallis NA-09			
VE8RCS	14012	0004	12	FL
VE8RCS	14029	2106	15	CA
VO2AC	14005	0007	12	FL
VP2MDY	14065	1149	11	GA
VP2MU	14039	1739	12	FL
VP5/ V44KM	14230	2350	8	PA
VQ9LF	14210	1420	15	MT
VQ9ZZ	14180	0323	15	MT
VR6YL	14025	0400	10	IL
VS6DT	14002	1355	15	MT
VS6KJ	14008	1455	11	OR
VS6UF	14175	1356	11	WI
VU2BK	14055	0130	11	MI
VU2DVP	14177	1519	7	NH
VU2GI	14183	1715	11	NH
VU2UGI	14186	0322	16	WI
VU2ZAP	14165	0152	14	IL
Y86GST	14017	1033	9	GA
YB2BNJ	14210	1311	11	NH
YI1BGD	14183	1917	10	NH
YK/ OE5JTL	14197	0406	15	MT
YK/ OE5JTL	14184	2146	8	NH
YT3AM	14024	0112	11	GA
ZB2EO	14036	2218	11	FL
ZF2BN	14015	1225	8	AL
ZK1XK	14309	0353	10	IL
ZK1XP	14023	0242	15	CA

15 MTRS

DK0HF	21030	2108	9	FL
DL4DAT	21024	2105	9	FL
HG6N	21025	1610	12	FL
HK6IID	21284	1938	9	NH
I0CMG	21027	2117	9	FL
PY2CQF	21305	1942	9	NH
UQ1GWW	21031	1502	12	AL
YU3AT	21025	2127	9	FL
ZP5JCY	21307	2100	12	PA

6 MTRS

EI6AS	50110	2235	9	NC
G3XBY	50110	2305	9	NC
G4GLT	50110	2251	9	NC
G4PBP	50110	2249	9	NC
G6NB	50110	2303	9	NC
GJ3YHU	50110	2203	9	NC
GU2HMZ	50110	2244	9	NC
KP2/ W4UWH	50110	2215	11	NC

Key to Bandpass: Callsign, frequency, UTC, day of month, state. * = long path, P = Packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.

The DX Bulletin
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FIRST CLASS MAIL

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ICOM IC-751A

CAN YOU HANDLE THIS MUCH TRANSCEIVER?

- **All HF Band Transceiver/ General Coverage Receiver**
- **New Design**
- **100% Duty Cycle Transmitter**
- **105dB Dynamic Range**
- **All Modes Built-In USB, LSB, AM, FM, CW, RTTY**
- **12 Volt Operation**

The new IC-751A top-of-the-line HF base station transceiver is designed for the ham operator who demands high performance. Whether contesting or QSO'ing for pleasure, the 100 watt IC-751A incorporates the best features of the IC-751, plus brings you to the forefront with the following most-asked for additions.

More CW Control. For the CW enthusiast, the new IC-751A includes an electronic keyer unit, QSK rated at up to 40WPM, standard FL-32A 9MHz/ 500Hz CW filter and CW sidetone to monitor your code in RX or TX modes... great for practice!

All Amateur Band Coverage. Plus general coverage reception from 100kHz to 30MHz. May be easily modified for MARS operation.

Improved Smooth Tuning. The IC-751A features a newly designed tuning knob for velvet smooth tuning.

Added LED Annunciator. For easily identifying if you're using the tuning speed, dial, or band switching functions.

32 Memories. Mode and frequency may be stored in any of 32 memories...all the memory capability that you'll ever need.

More Stable. Even in the receive mode, the IC-751A has a sophisticated thermal sensor to monitor the internal temperature. The sensor automatically activates the cooling fan which gives maximum stability ...critical for contesting.

ICOM
First in Communications

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All stated specifications are approximate and subject to change without notice or obligation. All ICOM radios significantly exceed FCC regulations limiting spurious emissions. 751A686